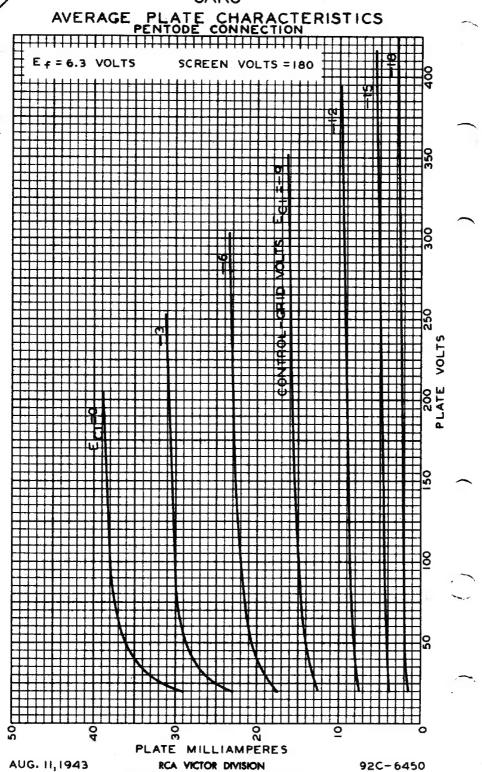


POWER AMPLIFIER PENTODE

MINIATORE TIPE		
Heater Coated Unipotential Cathod	е	
Voltage 6.3	a-c or d	-c volts
Current 0.15		amp.
Direct Interelectrode Capacitances (Approx) . •	
Grid to Plate 0.12		μμf
Input 3.6		μμf
Output 4.2		ццf
Maximum Overall Length		2–1/8"
Maximum Seated Height		
		1-7/8"
Length from Base Seat to Bulb Top (excluding tip)	4 4/01	. 0/208
	1-1/2"	± 3/32"
Maximum Diameter		3/4"
Bulb	_	T-5-1/2
	ature Butto	
Pin 1 – Grid No. 1 @ 5	Pin, 5 – P1a	ate
Pin 2-Grid No. 3	Pin 6 - Gr	id No. 2
Pin 3 - Heater	Pin 7 - Cat	thode
Pin 4 - Heater		
RCA Socket	Stock N	lo. 9914
Mounting Position BOTTOM VIEW (7BK)		Any
Maximum Ratings Are Design-Center	Values	
The state of the s	700000	,
A-F AMPLIFIER		
Plate Voltage	300 max.	volts
Screen Voltage (Grid No. 2)	250 max.	
Plate Dissipation	2.75 max.	
Screen Dissipation	0.75 max.	
D-C Heater-Cathode Potential	100 max.	
Typical Operation and Characteristics - Clas		
Plate Voltage	180	volts
Suppressor (Grid No. 3) Connected to		socket
Screen Voltage	180	volts
Grid Voltage (Grid No. 1) ♦	_9	volts
Peak A-F Grid Voltage	_	
	9	volts
Zero-Signal Plate Current		ma.
Zero-Signal Screen Current	2.5	ma.
Plate Resistance	0.2	megohm
Transconductance	2300	µmhos
Load Resistance	10000	ohms ,
Total Harmonic Distortion	10	%
MaxSig. Power Output	1.1	watts
With no external shield. ♦ The d-c resistance in the grid circuit under maximum rated conditions should not exceed 0.5 megohm for cathode-bias operation and 0.1 megohm for fixed-bias operation.		
A Man combon halo in contrat 2-1-1-1		
The center hole in sockets designed for	r this base	
may be manufactured with the exhaust-	tude tip at	
A The center hole in sochets designed for this base provides for the possibility that this tube type may be manufactured with the exhaust-tube tip at the base end. For this reason, it is recommended that in equipment employing this tube type, no material be permitted to obstruct the sochet hole.		
material be permitted to obstruct the e	os type, no	į
	10 PE 1	

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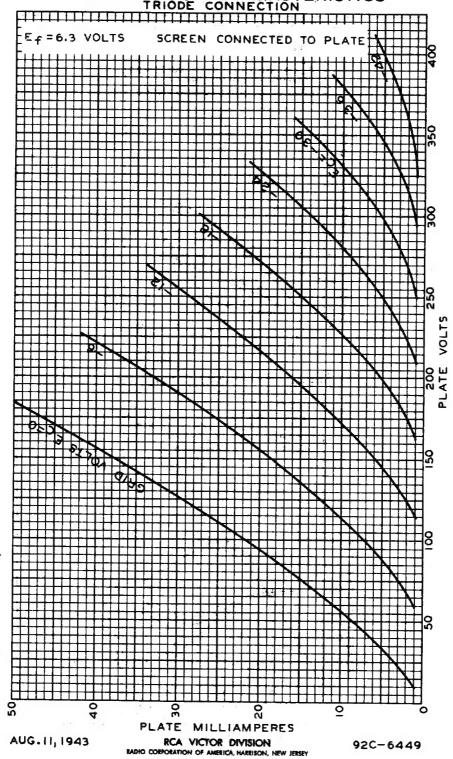




RADIO CORPORATION OF AMERICA HARRISON NEW IFPSFY



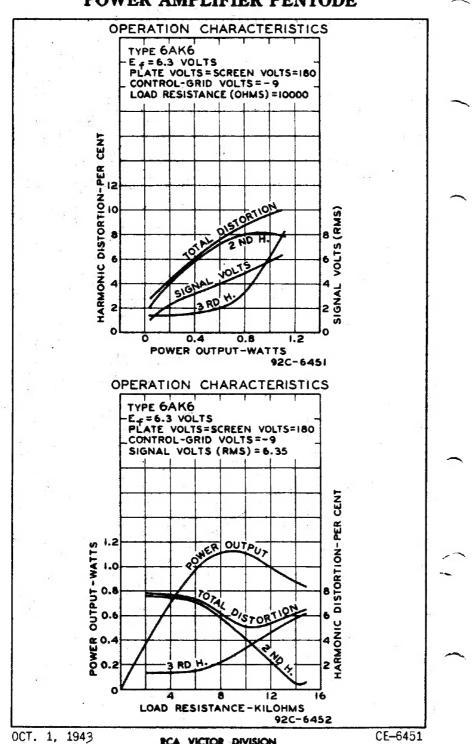
AVERAGE PLATE CHARACTERISTICS







POWER AMPLIFIER PENTODE



RCA VICTOR DIVISION
RADIO CORPORATION OF AMERICA, HARRISON, NEW JERSEY

CE-6452